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WATER SUPPLY OUTLOOK FOR OREGON

JUN 24 1975



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**OREGON STATE UNIVERSITY and STATE ENGINEER
of OREGON**

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
JUNE 1, 1975

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Sacajawea Snow Course
in Bridger Mountains, Montana.*

SCS PHOTO 11-P480-15

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR OREGON

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued

JUNE 8, 1975

Issued by

KENNETH E. GRANT

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D C

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Report prepared by

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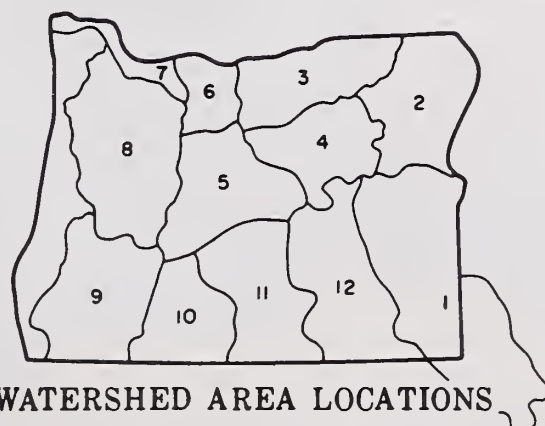
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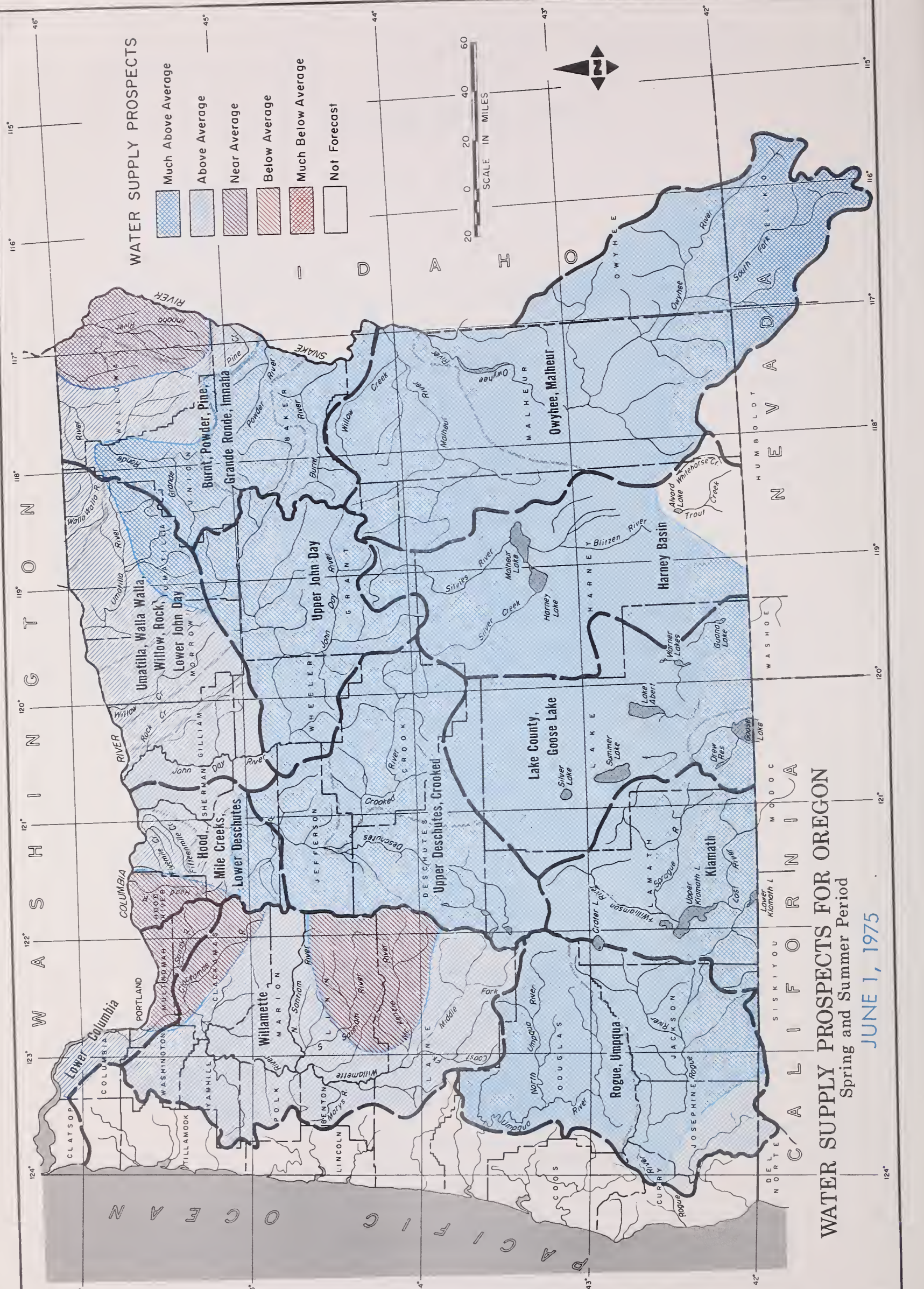
JAMES W. HAGLUND, Assistant Snow Survey Supervisor

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WATER SUPPLY PROSPECTS

- Much Above Average
- Above Average
- Near Average
- Below Average
- Much Below Average
- Not Forecast

SCALE IN MILES



WATER SUPPLY PROSPECTS FOR OREGON
Spring and Summer Period
JUNE 1, 1975

WATER SUPPLY OUTLOOK for OREGON

JUNE 1, 1975

Water supplies will be excellent throughout the state this summer. The snow melt was delayed about 1 month due to earlier cold spring temperatures. Stored water supplies are more than adequate and there should be excellent carryover supplies for next year.

SNOW COVER

The only snow left in the mountain watersheds is at the highest elevations. The crest of the Oregon Cascades has a much above average snow cover for June 1 with the snow at the median elevations essentially gone. The snowpack at Snow Mountain (6200' Harney county) melted out on June 3. This should generally be indicative of conditions in eastern Oregon around June 1.

PRECIPITATION

After 3 months of much above normal precipitation, the rainfall trend has reversed itself. Rainfall over the state during May varied from a low of near 20% of normal in Klamath Lake and Malheur Counties up to a high of 80% in the Willamette Valley.

RESERVOIR STORAGE

Most irrigation reservoirs were essentially full as of June 1. Twenty six reservoirs are currently storing 2,992,000 acre feet of water. This is 93% of capacity and 118% of average.

STREAMFLOW

Warm temperatures during May finally started the delayed snow melt runoff. Many streams will produce volumes much higher than normal for the May-July period because

continued on next page-

runoff which normally would have occurred during April was delayed one month due to earlier cold temperatures. The inflow to Owyhee reservoir during May was 485% of average. This was an all time record for the month exceeding the previous record of 1952 which was 450% of average.

This report contains data furnished by the Oregon State Engineer, U. S. Geological Survey, NOAA National Weather Service, and other cooperators.



JUNE 1, 1975

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ⁱ
OWYHEE, MALHEUR WATERSHEDS					
Malheur near Drewsey	91	284	May-July		32
	93	282	May-Sept.		33
Malheur, North Fork at Beulah ^d	62	177	May-July		35
	67	168	May-Sept.		40
Owyhee Reservoir net Inflow ^k	600	382	May-July	147	157
	623	346	May-Sept.	170	180
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS					
Bear near Wallowa	72	124	May-Sept.		58
Burnt near Hereford ^d	50	362	May-July		13.8
	52	351	May-Sept.		14.8
Catherine near Union	66	124	May-Sept.	84	53
Eagle Creek abv. Skull Creek	180	118	May-July	250	152
	196	118	May-Sept.	274	166
Grande Ronde at La Grande	147	160	May-July	136	92
	151	157	May-Sept.	139	96
Hurricane near Joseph	53	121	May-Sept.	61	44
Immaha at Immaha	306	121	May-Sept.	385	253
Lostine near Lostine	145	124	May-Sept.	166	117
Powder near Sumpter	52	130	May-July		40
	54	132	May-Sept.		41
Wallowa, East Fork near Joseph ^d	10.0	118	May-July	11.2	8.5
	13.0	122	May-Sept.	14.2	10.7
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS					
Birch Creek at Rieth	10.2	143	May-July		7.1
Butter Creek near Pine City	3.8	112	May-July		3.4
McKay near Pilot Rock	13.5	153	May-Sept.		8.8
Umatilla near Gibbon	55	140	May-July		39
	63	140	May-Sept.		45
Umatilla at Pendleton	80	118	May-July		68
Walla Walla, South Fork near Milton	53	106	May-Sept.		51
UPPER JOHN DAY WATERSHEDS					
Camas Creek near Ukiah	19.5	120	May-July		16.2
	19.8	119	May-Sept.		16.7
John Day, Middle Fork at Ritter	94	140	May-July		67
	98	140	May-Sept.		70
John Day, North Fork at Monument	476	140	May-July		340
	496	140	May-Sept.		354
Strawberry near Prairie City	8.9	137	May-July		6.5
	9.2	128	May-Sept.		7.2
UPPER DESCHUTES, CROOKED WATERSHEDS					
Beaver Creek near Paulina	6.9	157	May-July		4.4
	7.4	160	May-Sept.		4.6
Crane Prairie Reservoir Total Inflow	99	155	May-July		64
	154	147	May-Sept.		105
Crescent at Crescent Lake ^d	26	167	May-July		15.6
	33	168	May-Sept.		19.6
Crooked near Post	110	343	May-July		32
Deschutes at Benham Falls ^d	353	126	May-July		281
	549	116	May-Sept.		471
Deschutes below Snow Creek	79	142	May-Sept.		56
Deschutes, Little near La Pine ^d	86	162	May-July		53
	98	156	May-Sept.		63
Ochoco Reservoir net Inflow	18.5	201	May-Sept.		9.2
Odell near Crescent	38	164	May-Sept.		23
Squaw near Sisters	56	122	May-Sept.		46
Tumalo near Bend ^d	53	137	May-Sept.		39

+ 1958-1972 period.

JUNE 1, 1975

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ⁱ
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS					
Hood River near Tucker Bridge	188	100	May-July		188
	239	102	May-Sept.		234
Hood, West Fork near Dee	88	104	May-July		85
	112	105	May-Sept.		107
White below Tygh Valley	113	144	May-July		79
	122	130	May-Sept.		94
LOWER COLUMBIA WATERSHEDS					
Columbia at The Dalles ^d	85,300	111	May-July		76,822
	101,000	110	May-Sept.		91,430
Sandy River near Marmot	227	100	May-July		227
	282	100	May-Sept.		282
WILLAMETTE WATERSHEDS					
Clackamas at Estacada	470	105	May-July		447
	589	105	May-Sept.		562
Clackamas above Three Lynx	360	105	May-July		343
	455	104	May-Sept.		440
McKenzie at McKenzie Bridge	341	104	May-July		329
	493	104	May-Sept.		474
McKenzie near Vida	779	108	May-July		720
	1022	108	May-Sept.		947
McKenzie, So. Fork near Rainbow ^d	168	120	May-July		140
	205	121	May-Sept.		169
Oak Grove Fork above Power Intake	93	104	May-July		89
	133	104	May-Sept.		128
Row near Dorena	67	125	May-July		53
	72	125	May-Sept.		58
Santiam, North at Mehama ^d	542	110	May-July		493
	637	106	May-Sept.		600
Santiam, South at Waterloo ^d	350	108	May-July		323
	383	100	May-Sept.		382
Willamette, Mid. Fk. Blw. N. Fk. nr Oakridge	610	132	May-July		462
	715	127	May-Sept.		562
Willamette, No. Fk. of Mid. Fk. near Oakridge	152	126	May-July		121
	170	121	May-Sept.		141
Willamette at Salem ^d	3090	118	May-July		2619
	3671	116	May-Sept.		3165
ROGUE, UMPQUA WATERSHEDS					
Applegate near Copper	105	130	May-July		81
	120	137	May-Sept.		87
Clearwater above Trap Creek ^d	74	129	May-Sept.		57
Fourmile Lake net Inflow ^d	7.5	251	May-July		3.0
Hyatt Reservoir net Inflow ^d	6.5	295	May-July		2.2
Illinois River near Kerby	105	115	May-July		91
	108	112	May-Sept.		97
Little Butte, N. Fk. at Fish Lake nr. Lake Cr. ^d	16.0	138	May-Sept.		11.6
Little Butte, S. Fk. near Lake Creek	31	192	May-July		16.1
	33	179	May-Sept.		18.4
Rogue above Prospect	247	134	May-July		184
	312	131	May-Sept.		239
Rogue, South Fork near Prospect ^d	64	140	May-July		46
	82	145	May-Sept.		56
Rogue at Raygold near Central Point	671	136	May-July	696	493
	907	140	May-Sept.	882	648
Rogue at Grants Pass	798	127	May-Sept.		627
Umpqua, No. blw. Lemolo Res. nr. Toketee Falls ^d	176	127	May-Sept.		139

+ 1958-1972 period.

JUNE 1, 1975

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ⁱ
KLAMATH WATERSHEDS					
Clear Lake Reservoir Inflow ^k	40	265	May-Sept.		15.1
Gerber Reservoir Inflow ^k	17.0	354	May-Sept.		4.8
Sprague near Chiloquin	232	140	May-Sept.		166
Upper Klamath Lake net Inflow ^k	440	125	May-Sept.		353
Williamson below Sprague River	368	128	May-Sept.		287
LAKE COUNTY, GOOSE LAKE WATERSHEDS					
Chewaucan near Paisley	85	152	May-July		56
	90	150	May-Sept.		60
Deep above Adel	64	149	May-July		43
	68	151	May-Sept.		45
Drews Reservoir net Inflow ^d	17.0	175	May-July		9.7
Honey Creek near Plush	17.0	150	May-July		11.3
	17.1	150	May-Sept.		11.4
Twentymile near Adel	13.5	126	May-July		10.7
	14.0	126	May-Sept.		11.1
HARNEY BASIN WATERSHEDS					
Donner und Blitzen near Frenchglen	48	129	May-July		37
	53	126	May-Sept.		42
Silver near Riley	7.1	140	May-July		5.1
Silvies River near Burns	56	170	May-July		33
	56	163	May-Sept.		35
Trout Creek near Denio	7.1	122	May-July		5.8
	7.4	120	May-Sept.		6.2
<div>(a) Assuming normal meteorological conditions. (b) No report. (c) Not scheduled. (d) Corrected to natural flow. (e) Aerial snow depth gage, water content estimated. (f) Nearest current data. (g) Partly estimated. (h) 1958-72, adjusted average. (i) 1958-72, 15 year average. (j) Telephonic report - data not confirmed. (k) Data from PP&L Co. or USBR records. (m) Average for 5 or more years in base period.</div>					

+ 1958-1972 period.

JUNE 1, 1975

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average
OWYHEE, MALHEUR WATERSHEDS				
Antelope	70.0	61.8	60.7	46.7 ^m
Beulah Reservoir	60.0	59.4	58.1	49.0
Bully Creek	30.0	28.1	27.6	21.4
Owyhee	715.0	710.0	693.4	549.9
Warm Springs	191.0	186.2	186.1	136.2
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS				
Phillips Lake	73.5	71.9	75.4	--
Thief Valley	17.4	17.4	17.4	16.7
Unity	25.2	24.6	25.7	22.8
Wallowa Lake	37.5	31.6	26.1	30.2
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS				
Cold Springs	50.0	49.7	49.9	47.8
McKay	73.8	67.8	67.7	60.7
UPPER DESCHUTES, CROOKED WATERSHEDS				
Crane Prairie	55.3	56.4	51.7	38.0
Crescent Lake	86.9	90.0	89.0	54.3
Ochoco	47.5	44.2	45.3	35.9
Prineville	153.0	151.2	153.1	146.0
Wickiup	200.0	180.0	183.9	165.9
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS				
Clear Lake (Wasco)	11.9	^b	9.0	5.8
WILLAMETTE WATERSHEDS				
Blue River	85.6*	79.9	78.6	--
Cottage Grove	30.0*	28.6	28.7	27.3
Cougar	155.2*	145.3	141.5	141.2 ^m
Detroit	299.9*	265.7	272.1	281.1
Dorena	70.5*	65.4	64.7	64.3
Fall Creek	115.0*	109.8	107.1	108.1 ^m
Fern Ridge	94.2*	94.6	95.2	89.5
Foster	30.0*	25.1	25.4	24.6 ^m
Green Peter	270.0*	248.5	243.9	250.9 ^m
Hills Creek	200.0*	197.9	190.4	185.6 ^m
Lookout Point	337.2*	306.4	284.7	306.3
Timothy Lake	61.7	58.2	59.5	61.4
Henry Hagg Lake	53.0	52.9	--	--
*Multiple purpose reservoir--space reserved primarily for flood runoff.				
(a) Assuming normal meteorological conditions. (b) flow. (c) Aerial snow depth gage, water content estimated. (d) 1958-72, adjusted average. (e) 1958-72, 15 year average. (f) Data from PP&L CO. or USBR records. (g) Average				

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average ⁱ
ROGUE, UMPQUA WATERSHEDS				
Emigrant Lake	39.0	38.6	36.4	35.2*
Fish Lake	8.0	8.1	7.3	6.5
Fourmile Lake	16.1	14.4	11.2	11.9
Howard Prairie	60.0	60.6	60.6	48.6 ^m
Hyatt Prairie	16.1	16.2	16.2	14.7
*Average for years of record (in base period) after reconstruction.				
KLAMATH WATERSHEDS				
Clear Lake	440.2	377.2	371.0	258.0
Gerber	94.0	91.6	84.9	63.8
Upper Klamath Lake	584.0	495.7	556.6	534.7
LAKE COUNTY, GOOSE LAKE WATERSHEDS				
Cottonwood	8.7	8.7	28.7	27.3
Drews	63.0	64.4	61.0	53.1
*Average for years of record (in base period) after reconstruction.				

No report. (c) Not scheduled. (d) Corrected to natural mated. (f) Nearest current data. (g) Partly estimated. average. (j) Telephonic report - data not confirmed. age for 5 or more years in base period.

(a) Assuming normal meteorological conditions. (b) No report. (c) Not scheduled. (d) Corrected to natural flow. (e) Aerial snow depth gage, water content estimated. (f) Nearest current data. (g) Partly estimated. (h) 1958-72, adjusted average. (i) 1958-72, 15 year average. (j) Telephonic report - data not confirmed. (k) Data from PP&L CO. or USBR records. (m) Average for 5 or more years in base period.

+ 1958=1972 period.

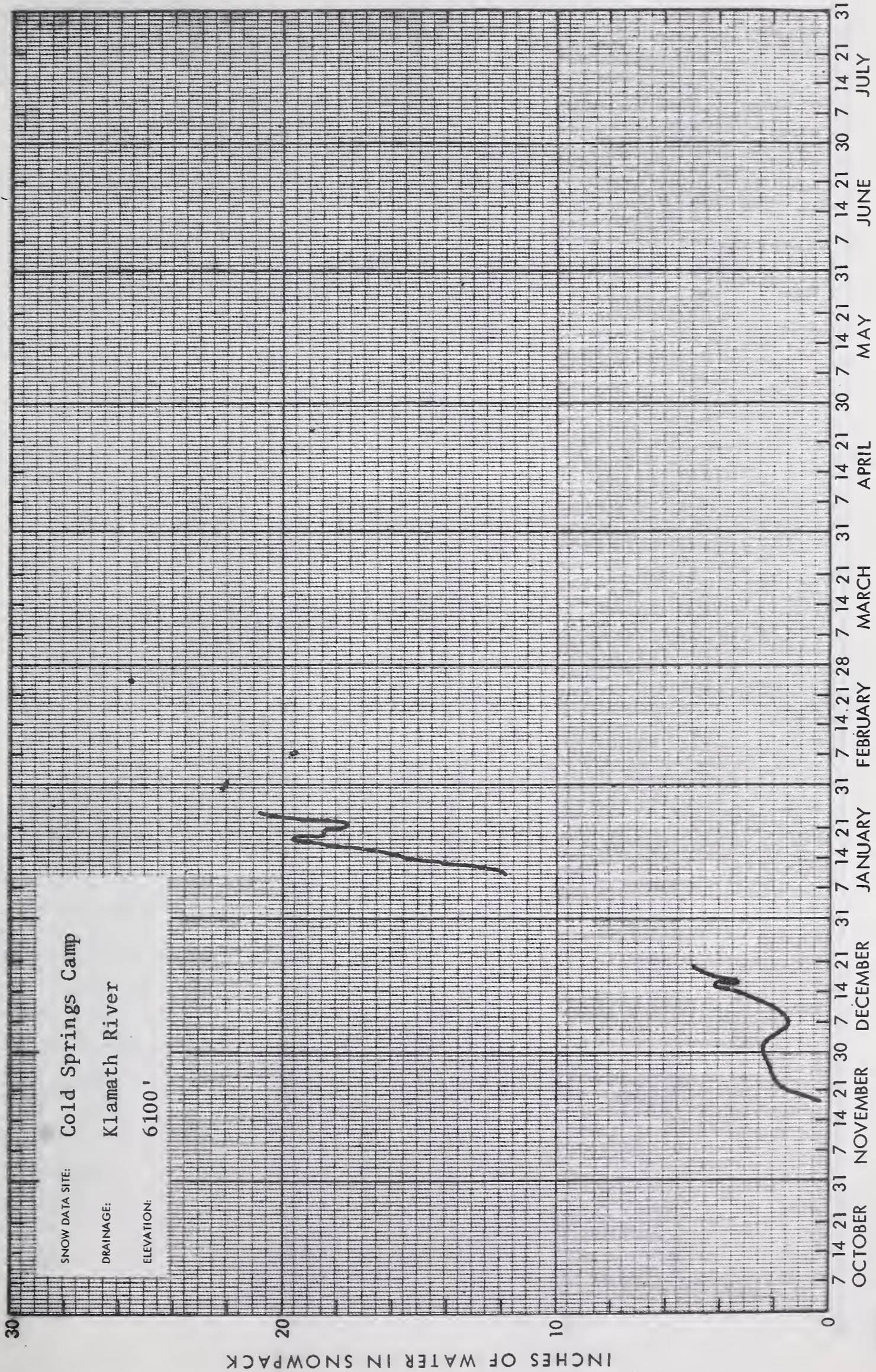
SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont (In.)	Water Content (inches)	
				Last Yr.	Ave.
Annie Spring	6/1	92	47.2	61.5	--
Bald Peter	5/28	74	37.2	50.8	--
Cascade Summit	5/30	48	24.0	27.6	7.5
Detroit (Town)	5/30	0	0.0	0.0	0.0
Detroit Dam	5/30	0	0.0	0.0	0.0
Hogg Pass	5/30	76	38.3	56.7	22.7
Hungry Flat	5/29	0	0.0	0.0	0.0
Laurel Mountain	6/1	0	0.0	--	--
Lionshead ^e	5/29	0	0.0	--	--
Lookout Point Dam	5/30	0	0.0	0.0	0.0
Marion Forks	5/30	0	0.0	0.0	0.0
McCredie Springs	5/30	0	0.0	0.0	0.0
Mill City	5/30	0	0.0	0.0	0.0
New Dutchman Flat #2	5/29	110	62.4	77.2	40.0
Oakridge	5/30	0	0.0	0.0	0.0
Park Headquarters	5/31	133	73.2	92.4	--
Racing Creek	5/28	0	0.0	4.6	--
Railroad Overpass	5/30	0	0.0	0.0	0.0
Salt Creek Falls	5/30	10	5.2	2.5	1.1
Santiam Junction	5/30	0	0.0	8.1	0.3
Tangent	5/29	21	9.4	9.6	0.0
Valsetz Summit	6/1	0	0.0	--	--
Whitewater Bridge	5/30	0	0.0	0.0	0.0
Whitewater Meadow ^e	5/29	0	0.0	--	--

SNOW

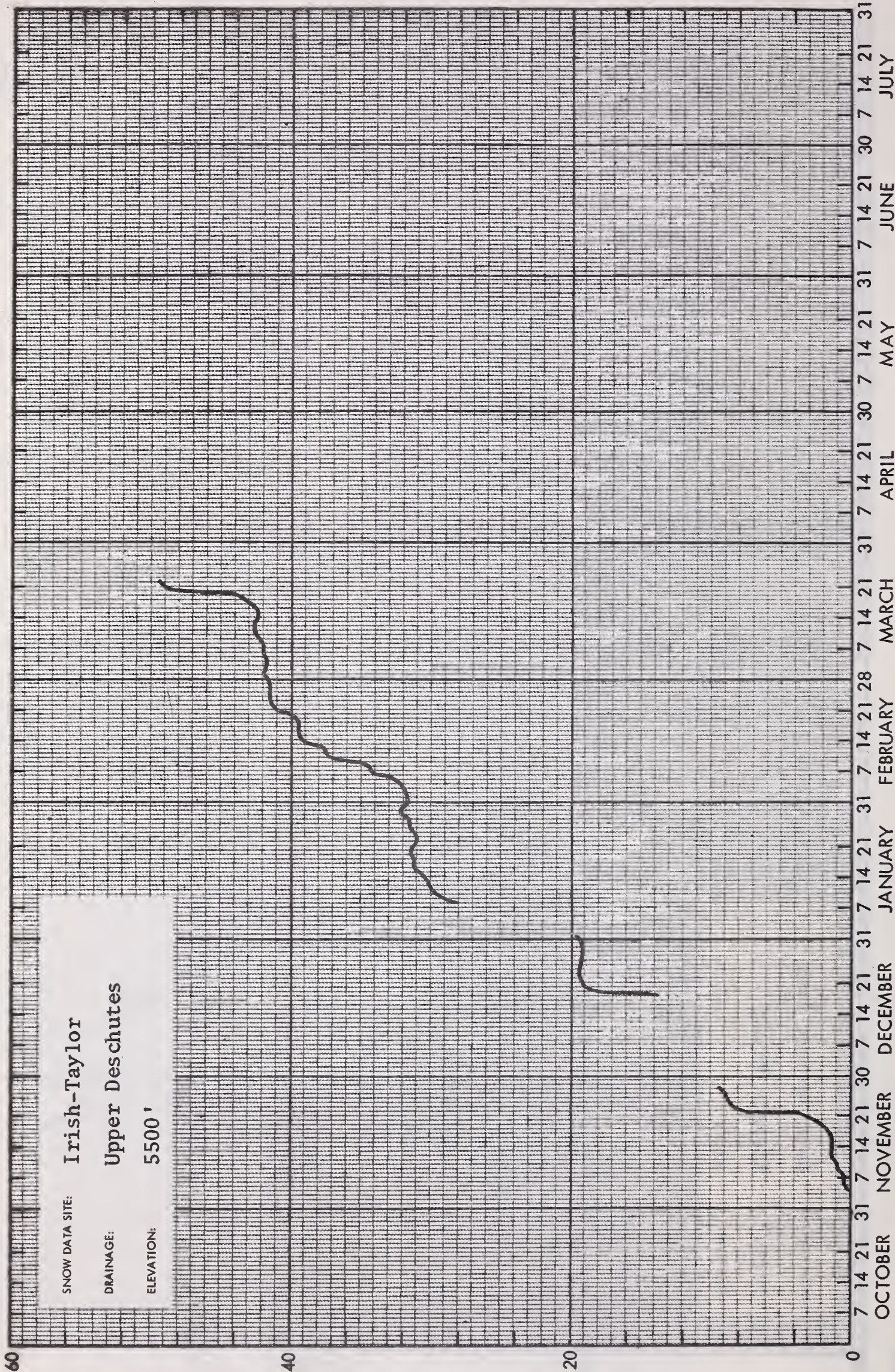
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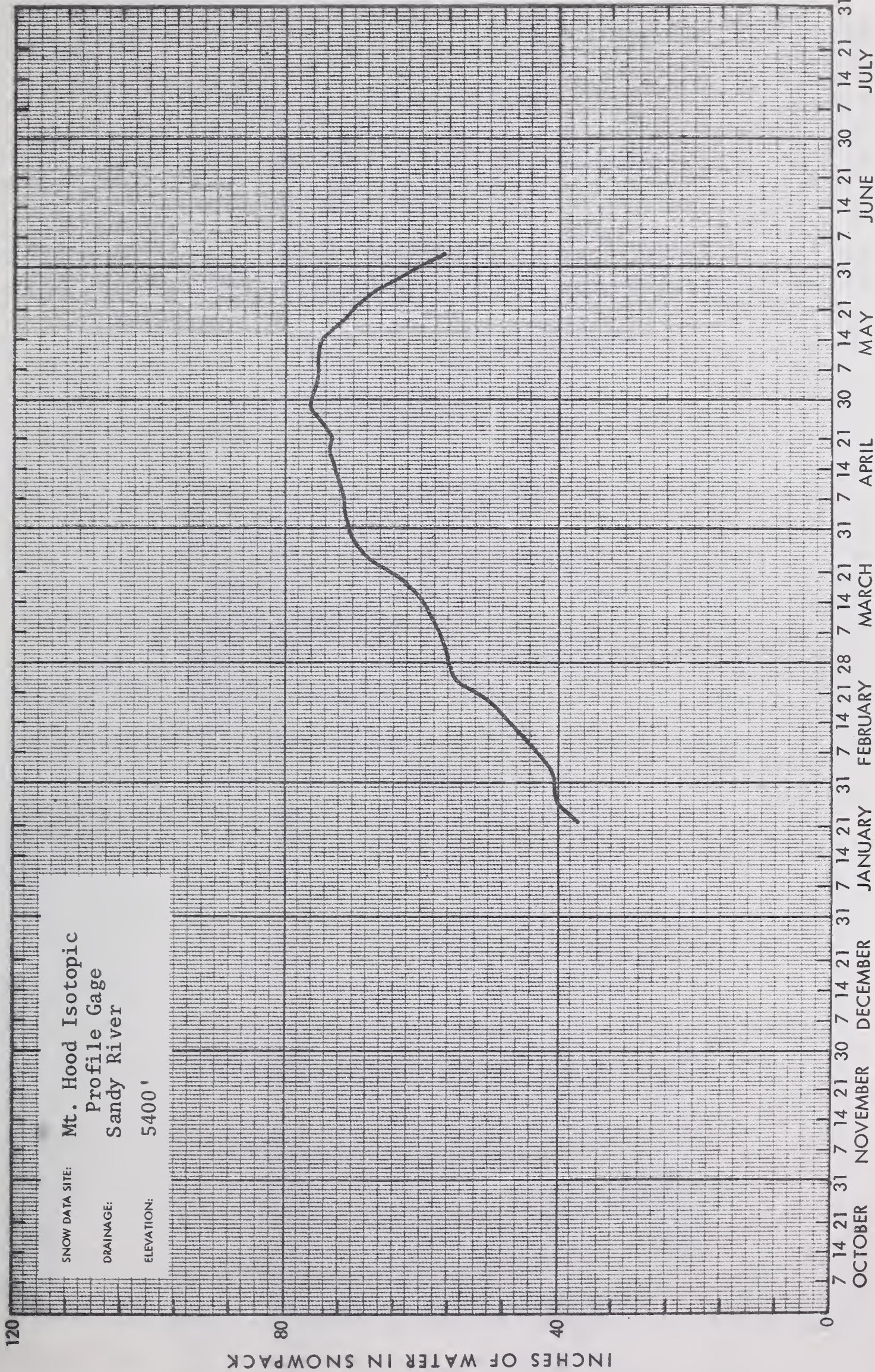
(a) Assuming normal meteorological conditions. (b) No report. (c) Not scheduled. (d) Corrected to natural flow. (e) Serial snow depth gage, water content estimated. (f) Nearest current data. (g) Partly estimated. (h) 1958-72, adjusted average. (i) 1958-72, 15 year average. (j) Telephonic report - data not confirmed. (k) Data from PP&L Co. or USBR records. (m) Average for 5 or more years in base period.



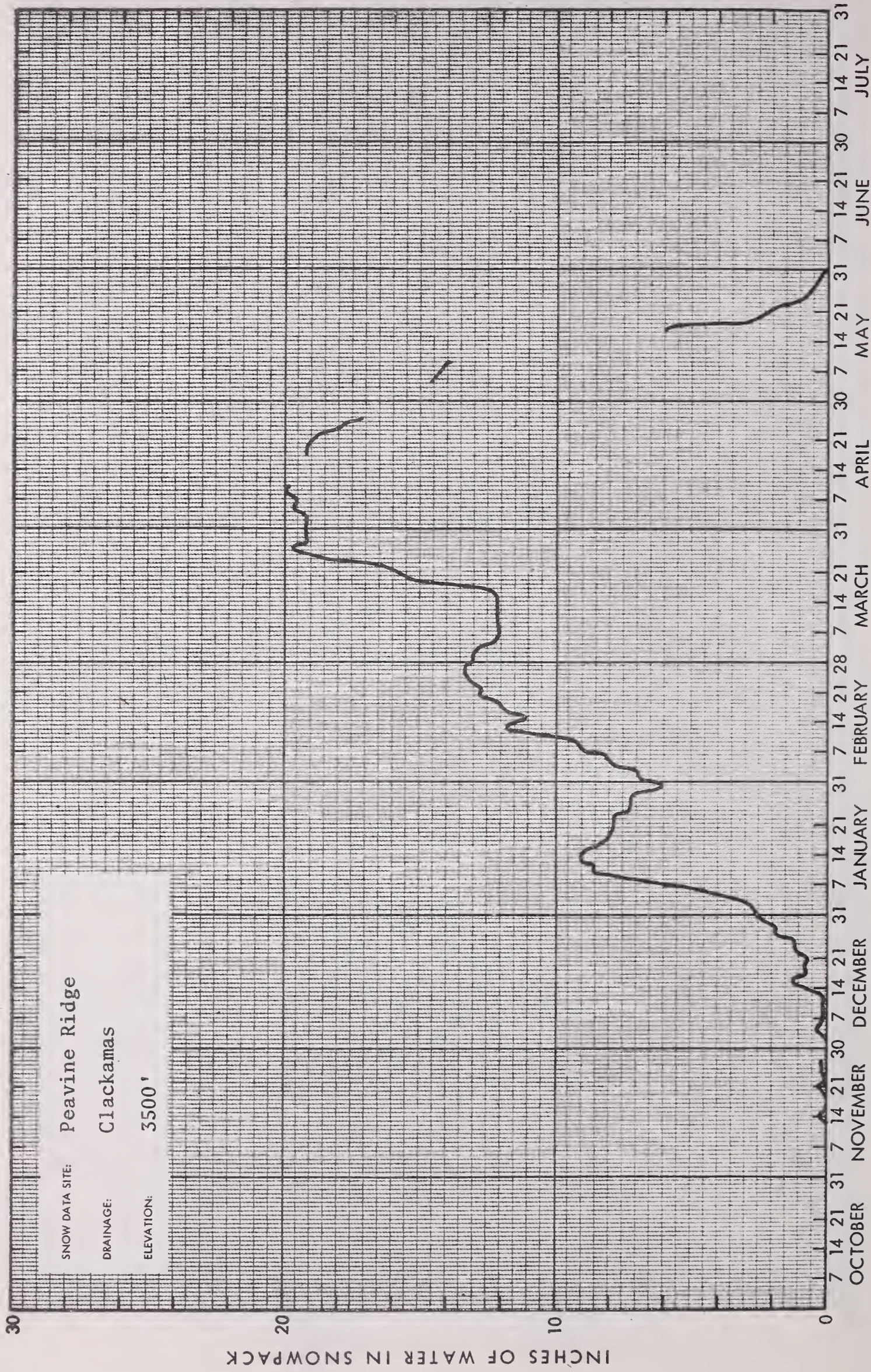
INCHES OF WATER IN SNOWPACK

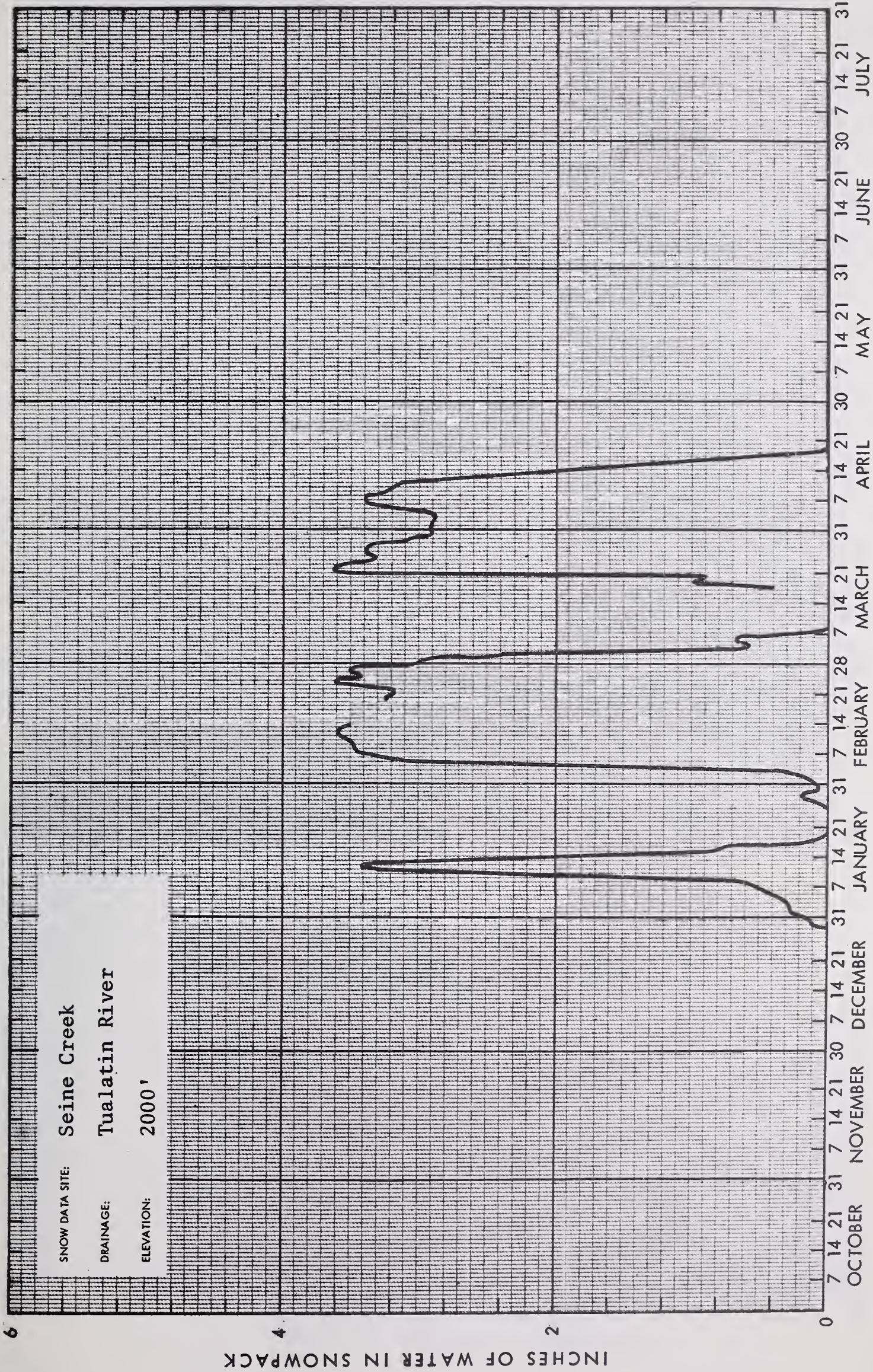
SNOW DATA SITE: Irish-Taylor
DRAINAGE: Upper Deschutes
ELEVATION: 5500'

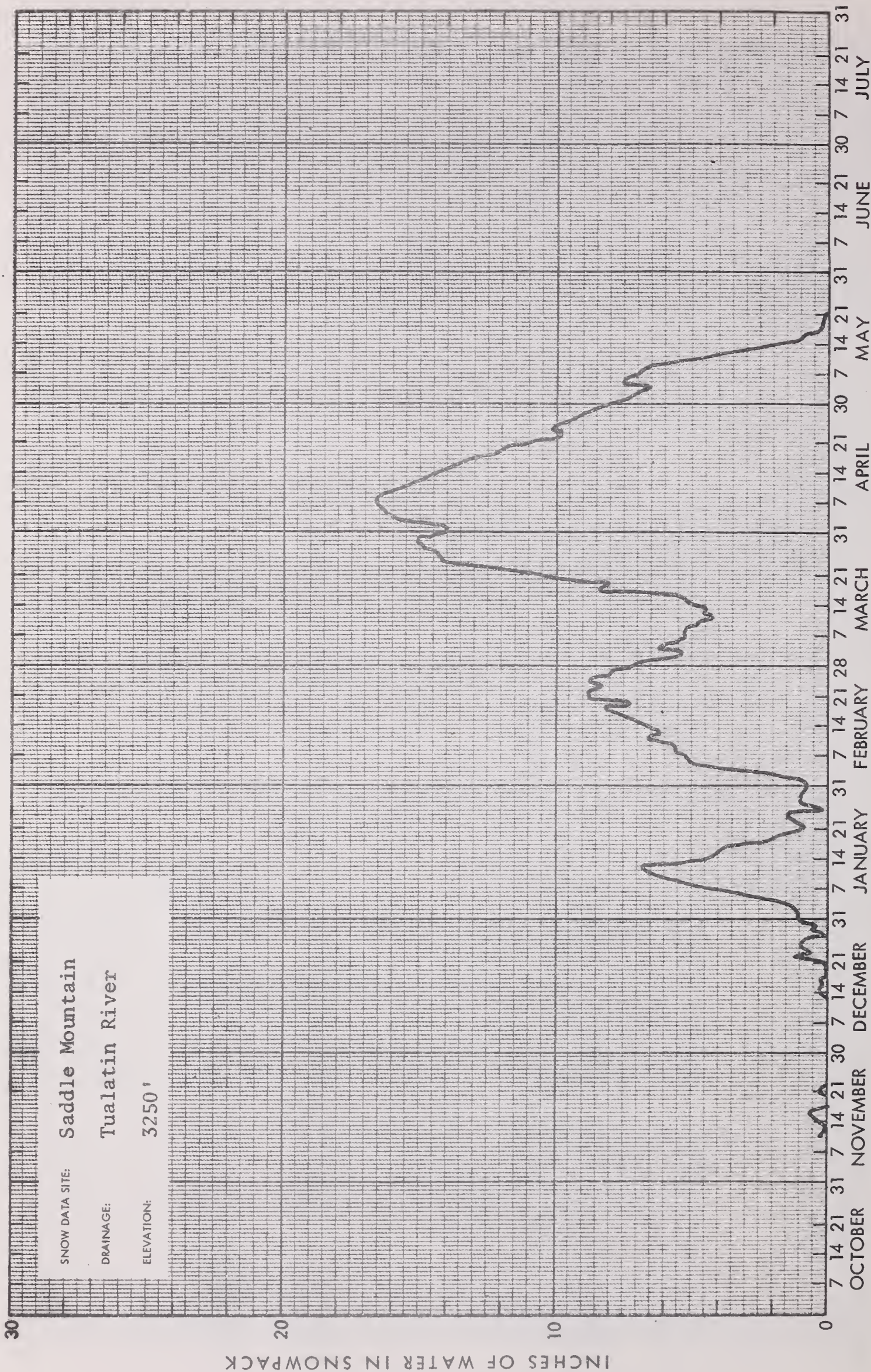


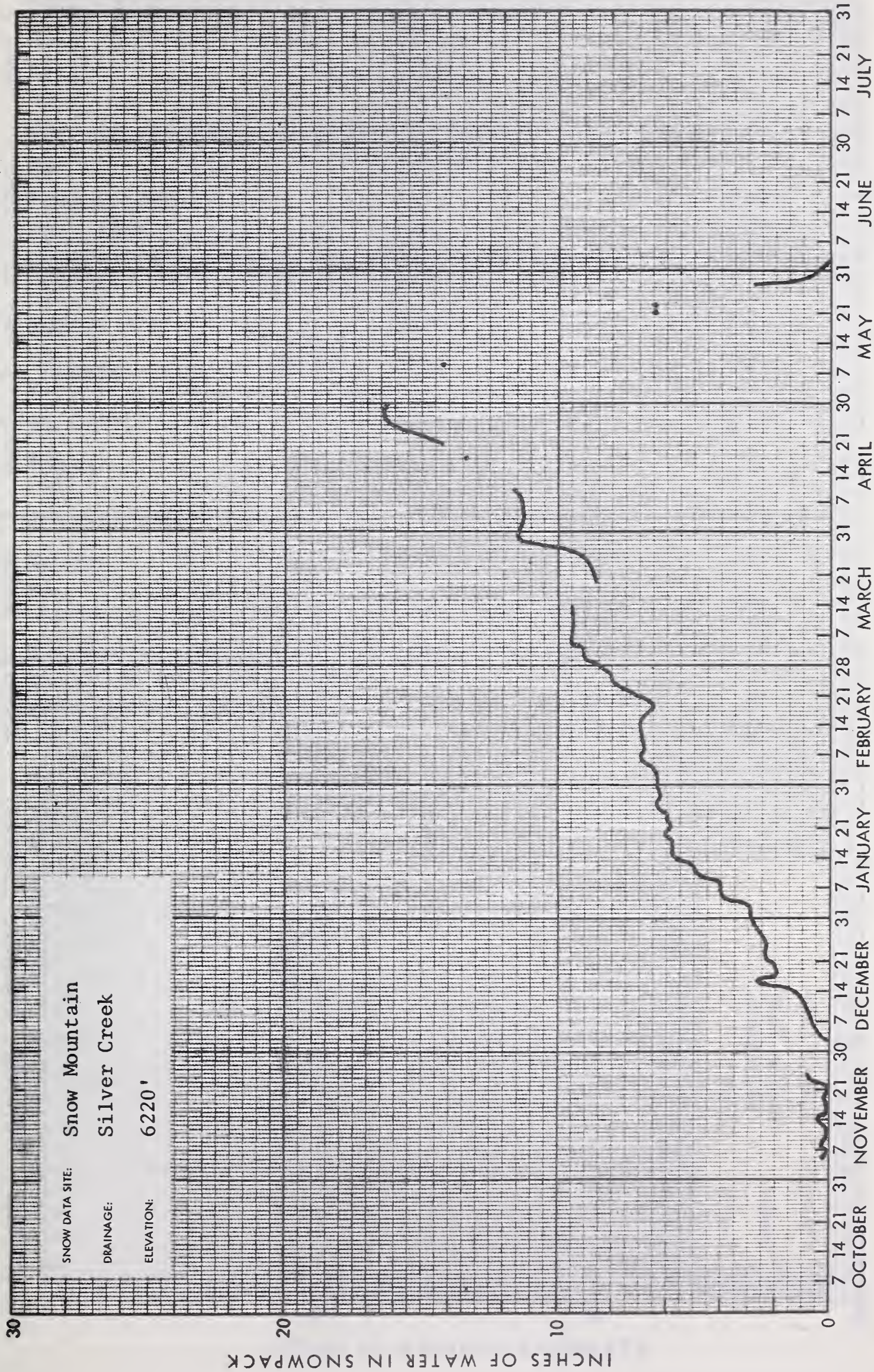


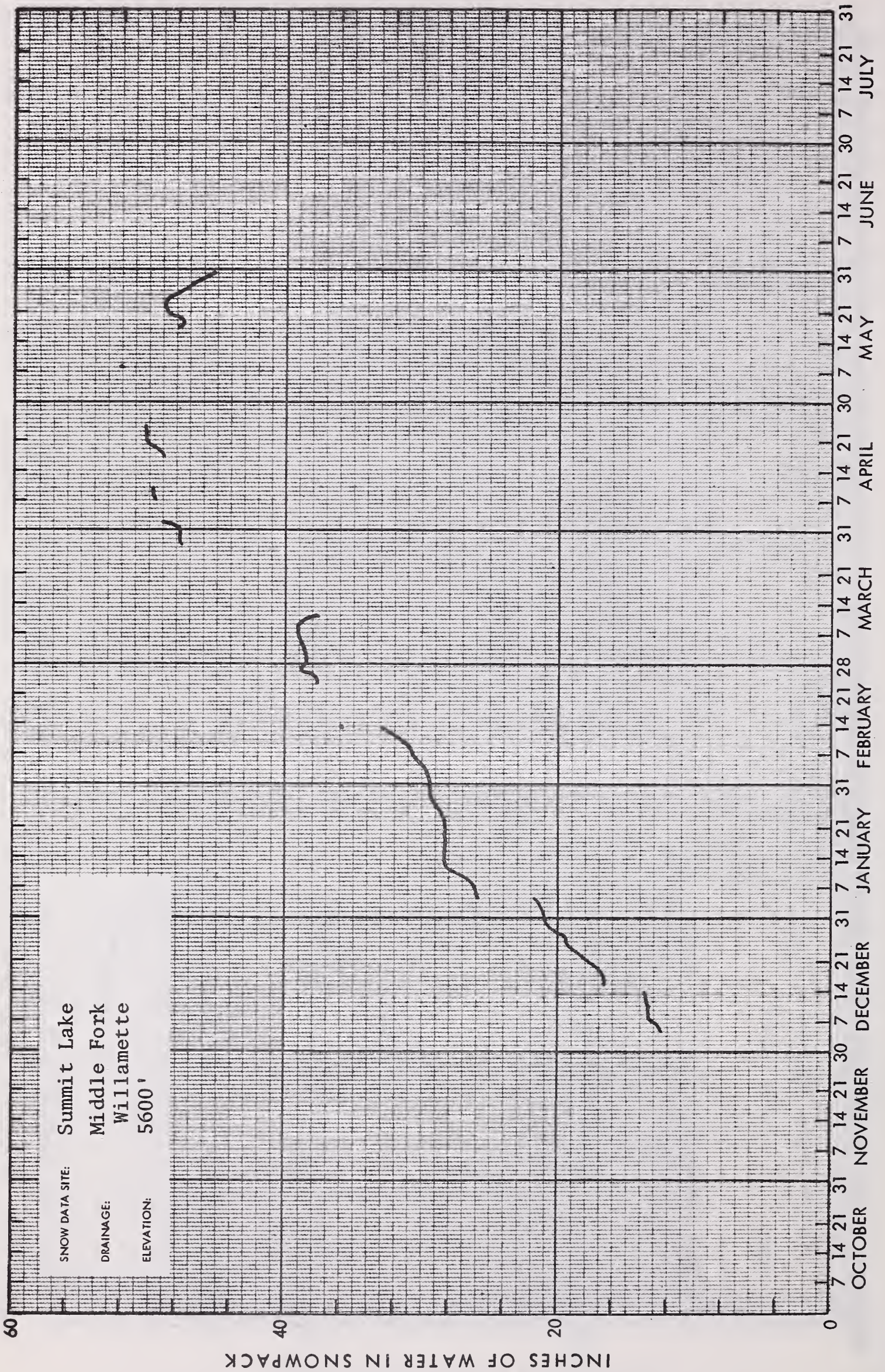
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Appendix 1

PREVIOUSLY UNPUBLISHED OREGON SNOW SURVEY DATA 1974-75 Season

SNOW COURSE Name	No.	Date	Depth (In.)	Water (In.)
Blue Mountain Springs	18E16	5/1/75	54	23.0
Cold Springs Camp	22G24	2/10/75	90	0.0
Crane Prairie	18E19	5/1/75	29	4.8
Eldorado Pass	18E20	4/29/75	0	0.0
Izee Summit	19E09	4/30/75	24	11.2
Lionshead (aerial)	21E25	12/28/74	24	5.0
Rock Spring	18F1	4/30/75	15	5.8
Starr Ridge	19E7	4/30/75	20	8.1
Summer Rim Pillow (manometer)	20G2	2/27/75	--	19.4
Whitewater Meadow (aerial)	21E24	12/16/74	0	0.0
		12/28/74	12	2.5

SOIL MOISTURE
PREVIOUSLY UNPUBLISHED

SOIL MOISTURE STATION Name	No.	Date	SOIL MOISTURE This Year
Battle Mountain Summit	18D12	10/31/74	10.4
		12/4/74	10.4
Blue Mountain Springs	18E16	8/30/74	5.5
		11/4/74	5.7
Blue Mountain Summit	18E13	10/23/74	8.0
		11/24/74	8.2
Derr	19E3	10/29/74	3.5
Dooley Mountain	17E1	10/23/74	2.2
		11/27/74	2.3
Emigrant Springs	18D4	12/30/74	14.5
		10/31/74	13.1
Marks Creek	20E1	10/29/74	7.6
		11/29/74	7.8
		5/29/75	13.2
Quartz Mountain	20G6	12/3/74	5.9
Starr Ridge	19E7	8/30/74	7.1
		11/4/74	6.1
Tollgate	18D3	11/1/74	11.8
		12/2/74	15.6
		12/27/74	16.2
		1/30/75	17.2

ERRATA: 1975 SNOW MEASUREMENTS PUBLISHED IN ERROR

SNOW COURSE Name	No.	Date	Depth (In.)	Water (In.)
Lake Creek R.S.	18E18			
Previously Published		5/1/75	42	20.4
Corrected Data		5/1/75	29	11.6

ERRATA: 1975 RESERVOIR STORAGE MEASUREMENTS PUBLISHED IN ERROR

RESERVOIR Name	Report	Usable Storage
Clear Lake (Wasco)		
Previously Published	April	11.4
Correct Data	April	10.2

Appendix 2

SNOW SURVEYS AT RADIO TELEMETRY SITES for Calibration Purposes

TELEMETRY SITE Name	No.	Date	Depth (In.)	Water (In.)
Blue Mountain Springs	18E16	12/23/74	19	3.8
		1/31/75	28	8.8
		2/25/75	49	14.7
		3/27/75	61	16.1
Fish Creek	18G2	3/1/75	73	23.2
		3/31/75	97	35.2
Mud Ridge Pillow	21D9	4/29/75	78	34.5
Silvies	18G1	3/1/75	45	16.2
		3/31/75	70	28.0
Snow Mountain	19F1	2/26/75	44	12.6
		3/27/75	51	10.0
Summer Rim	20G2	2/27/75	51	16.7
		3/26/75	79	19.7
Summit Lake	22F14	1/28/75	84	29.0
Tipton	18E9	12/30/74	34	6.3
		1/31/75	36	10.7
		2/25/75	52	15.0
		3/26/75	62	18.3

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- Idaho Cooperative Snow Surveys
- Nevada Cooperative Snow Surveys
- Oregon State University
- Oregon State Engineer and Corps of State Watermasters
- Oregon State Highway Engineers
- Soil and Water Conservation Districts of Oregon

COUNTY

- Douglas County Water Resources Survey

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- Department of Agriculture
 - Cooperative Extension Service
 - Forest Service
 - Soil Conservation Service
- Department of Commerce
 - NOAA, National Weather Service
- Department of the Interior
 - Bonneville Power Administration
 - Bureau of Land Management
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 - Fish and Wildlife Service
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- City of La Grande
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- Associated Ditch Companies
- Burnt River Irrigation District
- Central Oregon Irrigation District
- East Fork Irrigation District
- Grants Pass Irrigation District
- Hood River Irrigation District
- Jordan Valley Irrigation District
- Juniper Flat Irrigation District
- Lakeview Water Users, Incorporated
- Medford Irrigation District
- Middle Fork Irrigation District
- North Board of Control - Owyhee Project
- North Unit Irrigation District
- Ochoco Irrigation District
- Rogue River Valley Irrigation District
- South Board of Control - Owyhee Project
- Squaw Creek Irrigation District
- Talent Irrigation District
- Tumalo Project
- Vale-Oregon Irrigation District
- Warm Springs Irrigation District

PRIVATE ORGANIZATIONS

- The Crag Rats, Hood River, Oregon

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